

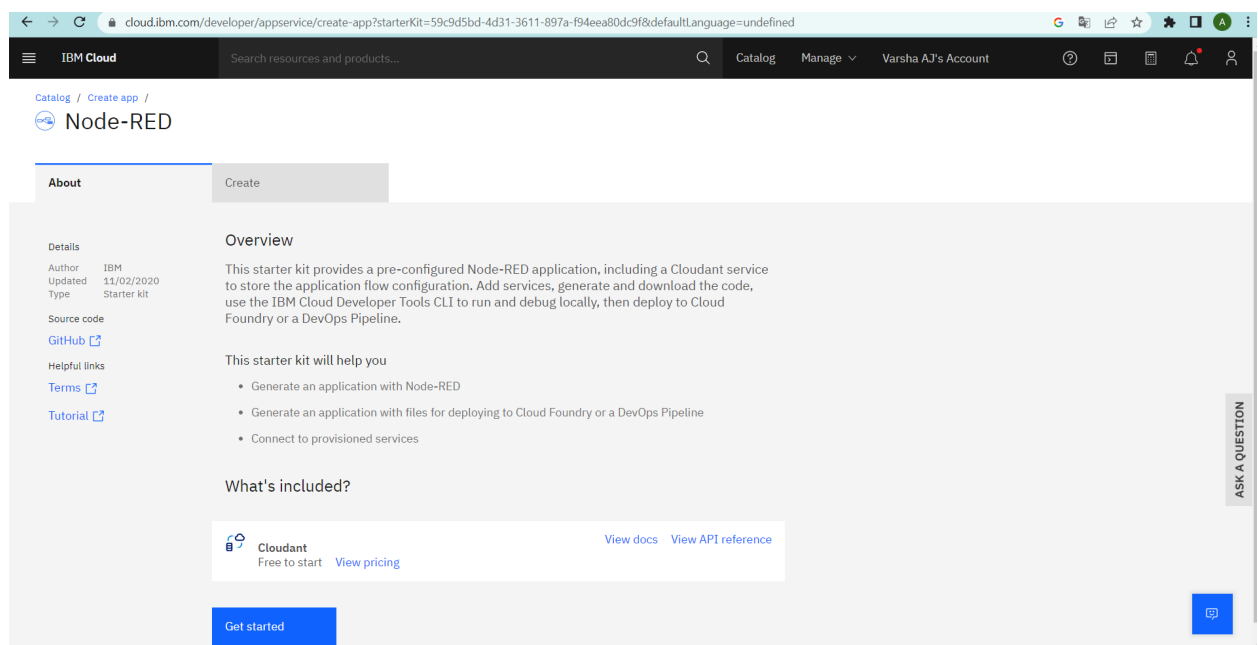
Creating Node-RED Service

Date	06-11-2022
Team ID	PNT2022TMID54268
Project Name	Project - IOT based safety gadget for child safety monitoring and notification
Maximum Marks	4 Marks
Submitted By	Varsha AJ

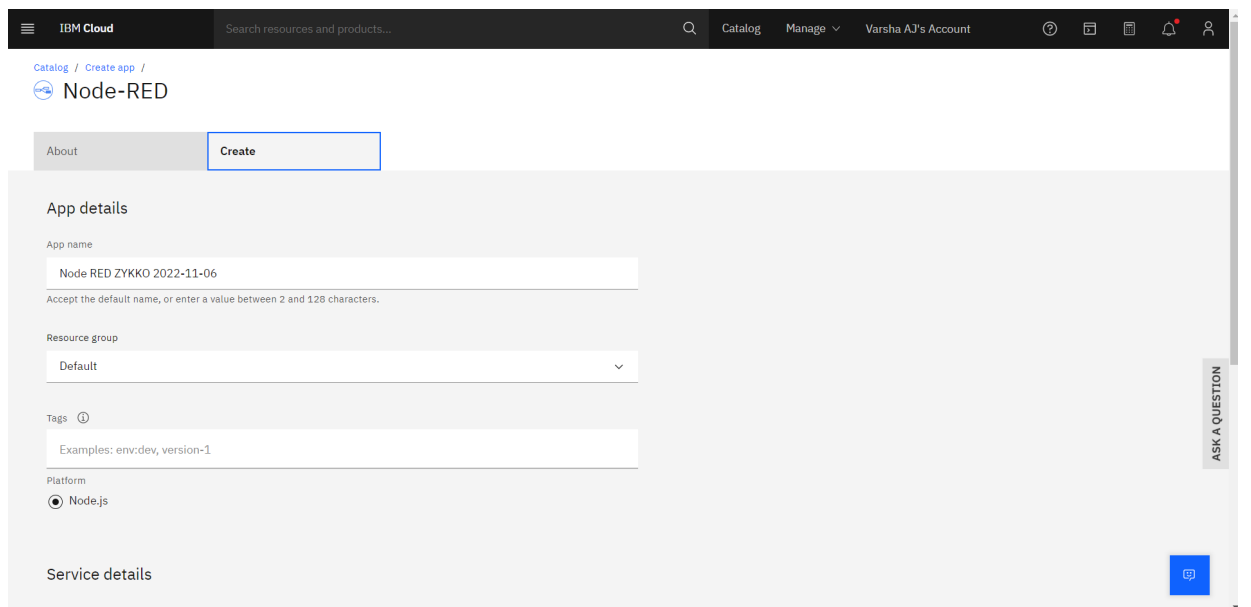
Aim: To create a web application create a Node-RED service.

Steps followed:

- Navigated to the App creation page



- Entered project details and clicked on create



● Clicking on the “Deploy your App” Button

IBM Cloud

Search resources and products...

Resource list / App details /

Node RED ZYKKO 2022-11-06 Add tags

Actions...

Details

App URL You must deploy your app first

Source Download code

Resource group Default

Deployment target You must deploy your app first

Created 06/11/2022

Services

Cloudant Provisioning service credentials

Connect existing services + Create service +

Deployment Automation

Configure Continuous Delivery

Continuous Delivery is not enabled for this app. Enable Continuous Delivery to automate builds, tests, and deployments through Delivery Pipeline, GitLab, and more.

Deploy your app

Getting started quickly

Configuring your app

To connect services and DevOps toolchains to your app:

1. Use the **Services** card to connect a service to your app. Select an existing service instance, or create a new one. [Learn more.](#)
2. If you want to view the code before your app is deployed, click **Download code** to obtain the .zip file.
3. Click **Deploy your app** in the **Deployment Automation** card to select the deployment target and configure the Continuous Delivery service. The deployment begins automatically.
4. After the deployment begins, you can view the status of the deployment, modify your app, view your repo, or view the app's URL.
5. If you make any changes to your app, be sure to deploy the code.

ASK A QUESTION

● Setting up the environment and deploying the app

```
node-red
npm audit fix --force

Run 'npm audit' for details.

C:\Users\A.J.Varsha>node-red
6 Nov 11:44:53 - [info]

Welcome to Node-RED
=====

6 Nov 11:44:53 - [info] Node-RED version: v3.0.2
6 Nov 11:44:53 - [info] Node.js version: v18.12.1
6 Nov 11:44:53 - [info] Windows_NT 10.0.19044 x64 LE
6 Nov 11:44:55 - [info] Loading palette nodes
6 Nov 11:44:55 - [info] Settings file : C:\Users\A.J.Varsha\.node-red\settings.js
6 Nov 11:44:55 - [info] Context store : 'default' [module=memory]
6 Nov 11:44:55 - [info] User directory : C:\Users\A.J.Varsha\.node-red
6 Nov 11:44:55 - [warn] Projects disabled : editorTheme.projects.enabled=false
6 Nov 11:44:55 - [info] Flows file : C:\Users\A.J.Varsha\.node-red\flows.json
6 Nov 11:44:55 - [info] Creating new flow file
6 Nov 11:44:56 - [warn]

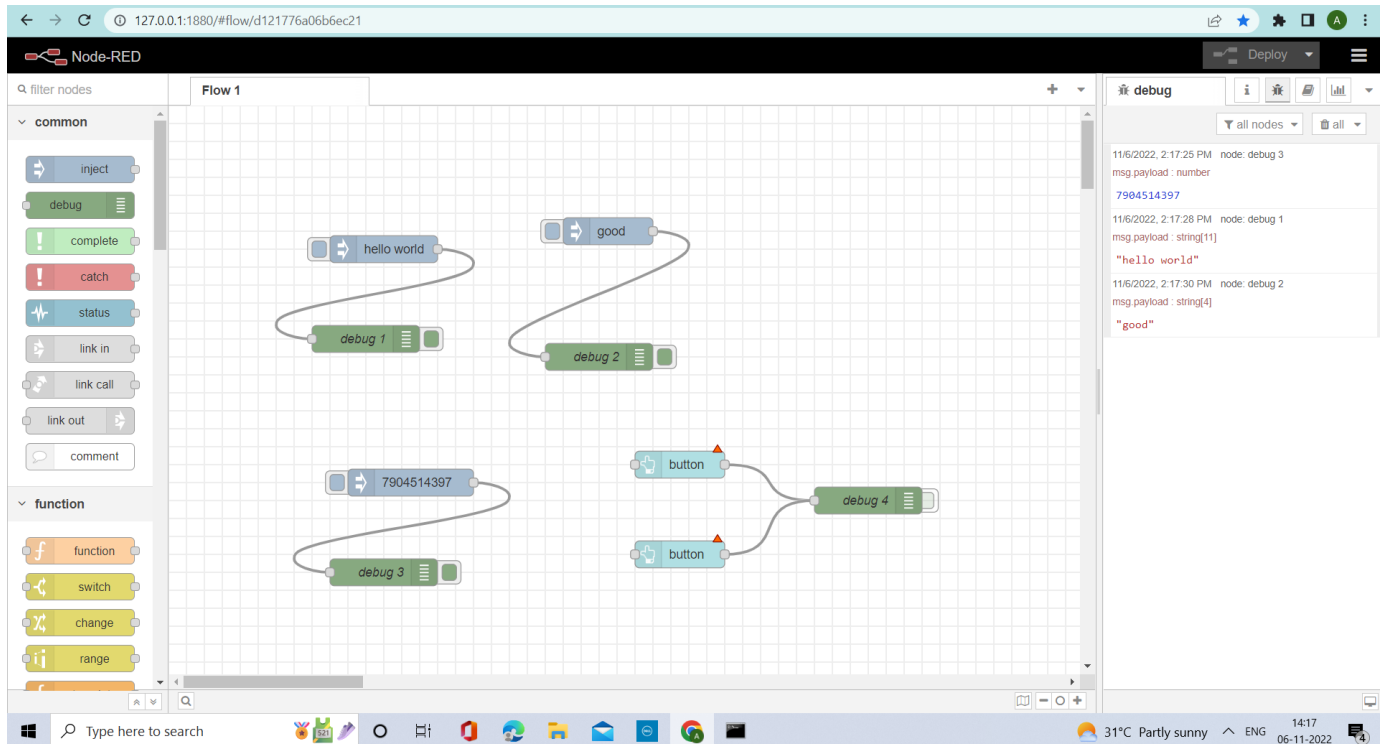
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Your flow credentials file is encrypted using a system-generated key.

If the system-generated key is lost for any reason, your credentials
file will not be recoverable, you will have to delete it and re-enter
your credentials.

You should set your own key using the 'credentialSecret' option in
your settings file. Node-RED will then re-encrypt your credentials
file using your chosen key the next time you deploy a change.
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6 Nov 11:44:56 - [info] Server now running at http://127.0.0.1:1880/
6 Nov 11:44:56 - [warn] Encrypted credentials not found
6 Nov 11:44:56 - [info] Starting flows
6 Nov 11:44:56 - [info] Started flows
```

- Successfully deployed the app



Result: Successfully created a Node-RED service on IBM Cloud

